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PTO/SB/21 (08-00)

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| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 10/623,244 | |
| | Filing Date | July 18, 2003 | |
| | First Named Inventor | Jose Arno | |
| | Group Art Unit | 2812 | |
| | Examiner Name | John F. Niebling | |
| Total Number of Pages in This Submission | | Attorney Docket Number | ATMI-567-DIV |

| ENCLOSURES (check all that apply) | | |
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| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|------------------------------------|
| Firm or Individual name | Margaret Chappuis, Reg. No. 45,735 |
| Signature | |
| Date | Dec 5, 2004 |

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ATMI-567-Div.
Customer ID No.: 25559

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jose Arno

Group Art Unit: 2812

U.S. Application No.: 10/623,244

Examiner: John F. Niebling

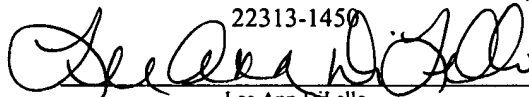
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Title: INFRARED THERMOPILE DETECTOR SYSTEM FOR SEMICONDUCTOR
PROCESS MONITORING AND CONTROL

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12/10/04

Date

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required in accordance with 37 CFR § 1.56 and § 1.97(b).

- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application, which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ c. Attached is our check no. ____ in the amount of \$180 in payment of the fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. 50-0860 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check no. ____ in the amount of \$130.00 in payment of the petition fee under 37 C.F.R. §1.17(i)(1). Please credit or debit Deposit Account No. ____ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ 4. (other):

Applicant does not believe that any additional fee is due in connection with the foregoing. However, any deficiencies may be charged to the deposit account 50-0860.

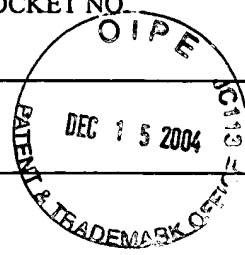
Respectfully submitted,

A handwritten signature in black ink, appearing to read "Margaret Chappuis", with a long horizontal flourish extending to the right.

Margaret Chappuis
Registration No. 45,735
Agent for Applicant

Date: December 8, 2004
Advanced Technology Materials, Inc.
7 Commerce Drive
Danbury, CT 06810
(203)-794-1100, ext. 4184
(203) 797-2544-Fax
Agent Ref: 567-DIV

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|---|---------------------|------------|
| FORM PTO-1449 US Dept. of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary) | ATTORNEY DOCKET NO. | SERIAL NO. |
| | ATMI-567-DIV | 10/623,244 |
| | APPLICANT | |
| | Jose I. Arno | |
| | FILING DATE | GROUP |
| | July 18, 2003 | 2812 |



| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|---------------|------------|-----------------|-------|----------|----------------------------|
| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | AA | 6,348,650 | 2/2002 | Endo, et al. | | | |
| | AB | 5,834,777 A | 11/1998 | Wong | | | |
| | AC | 6,469,303 B1 | 10/2002 | Sun, et al. | | | |
| | AD | 4,935,345 | 6/1990 | Guilbeau | | | |
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| | AG | 5,650,624 A | 7/1997 | Wong | | | |
| | AH | 5,721,430 A | 2/1998 | Wong | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--|-----------------|------------------|---------|-------|------------|--------------------|
| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS | SUBCLASSES | TRANSLATION YES NO |
| | | | | | | | X (abstract only) |
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| | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.) | | |
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